



## Main

Range of product	Phaseo Rectified
Product or component type	Power supply
Power supply type	Rectified and filtered
Rated power in W	144 W
Input voltage	230 V AC single phase, terminal(s): N-L1 400 V AC phase to phase, terminal(s): L1-L2
Output voltage	24 V DC
Power supply output current	6 A
Operating position	Horizontal at 40 °C Vertical at 60 °C

## Complementary

Input voltage limits	360...440 V 207...253 V
Network frequency limits	47...63 Hz
Input voltage tolerance	+/- 15 V
Inrush current	10 A at 230 V 5.78 A at 400 V
Cos phi	0.781 at 230 V 0.86 at 400 V
Efficiency	75 %
Power dissipation in W	36 W
Residual ripple	<= 1200 mV
Holding time	14 ms
Output protection type	Against overvoltage, protection technology: 2 J peak limiter Against overload and short-circuits, protection technology: internal fuse, 6.3 A, 5 x 20 mm, T curve
Connections - terminals	Screw type terminals for input connection, connection capacity: 5 x 2.5...5 x 4 mm <sup>2</sup> AWG 14...AWG 11 Screw type terminals for input ground connection, connection capacity: 1 x 2.5...1 x 4 mm <sup>2</sup> AWG 14...AWG 11 Screw type terminals for output connection, connection capacity: 4 x 2.5...4 x 4 mm <sup>2</sup> AWG 14...AWG 11
Marking	CE
Fixing mode	By 4 screws
Output coupling	Series

	Parallel
Operating altitude	3000 m
Name of test	Conducted/radiated emissions conforming to EN 55011 class B Electrostatic discharges conforming to EN/IEC 61000-4-2 Emission conforming to EN 50081-1 Emission conforming to EN 61000-6-3 Rapid transient conforming to IEC 61000-4-4 Surge conforming to EN/IEC 61000-4-5
Status LED	1 LED green for output voltage 1 LED orange for input voltage
Depth	153 mm
Height	153 mm
Width	123 mm
Product weight	4.94 kg

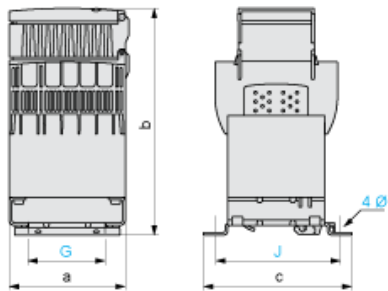
## Environment

Product certifications	UL 508 EAC KC cULus
Environmental characteristic	EMC conforming to EN/IEC 61000-3-2 EMC conforming to IEC 62041 Safety conforming to EN/IEC 61558-2-6 Safety conforming to UL 508 Safety conforming to UL 60950-1
IP degree of protection	IP20 conforming to EN/IEC 60529
Ambient air temperature for operation	-20...60 °C
Ambient air temperature for storage	-40...80 °C
Relative humidity	0...95 % without condensation or dripping water
Electrical shock protection class	Class I conforming to VDE 0106-1
Dielectric strength	2000 V between input and ground 4600 V between input and output 500 V between output and ground

## Contractual warranty

Warranty period	18 months
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Dimensions



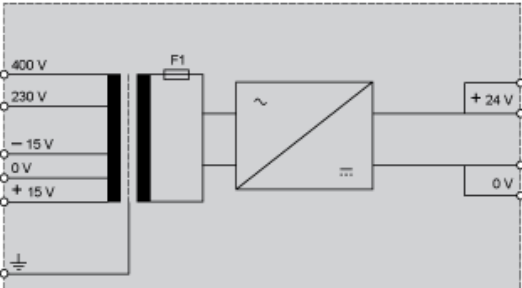
Dimensions in mm

a	b	c	G	J	Ø
123	153	153	82	136	6.5

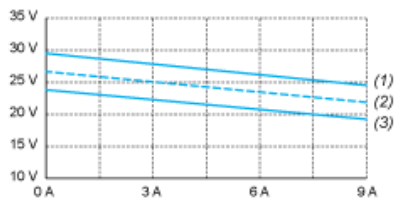
Dimensions in in.

a	b	c	G	J	Ø
4.84	6.02	6.02	3.23	5.35	0.25

Internal Wiring Diagram



Load Limits Curve



- (1) Nominal line supply + 10%
- (2) Nominal line supply
- (3) Nominal line supply - 10%